

PATENT & TRADEMARK OFFICE
SEARCHED

MAR 25 1987

CERTIFICATE OF CORRECTION MAR

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Le A 18 389-US Ge/han/Ad

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Bodo Junge, et al.

Serial No. : 936,280 Filed: August 23, 1978

Title : ANTIDIABETIC 3,4,5-TRIHYDROPIPERIDINES

Patent No. : 4,639,436 Issued: January 27, 1987

March 2, 1987

APPROVED

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20251

Sir:

APR 8 1987
Maurice Cullen
FOR THE COMMISSIONER OF
PATENTS & TRADEMARKS

REQUEST FOR CERTIFICATE UNDER RULE 322

In accordance with the provisions of Rule 322 of the Rules of Practice which implement 35 USC 254, the Patent and Trademark Office is respectfully requested to issue a Certificate of Correction in the above-identified patent to correct material errors in the printed patent document.

The errors are listed below with reference to their occurrence in the application and correspond in order to the changes listed on the attached Form PTO-1050:

Col. 7, line 30	Delete "P ₃ " and substitute --R ₃ --
Col. 14, line 38	Delete "Ransey" and substitute --Raney--
Col. 17, line 34	Delete "ahgent" and substitute --agent--
Col. 37, line 10	Delete "eedible" and substitute --edible--
Col. 40, line 16	Delete "round" and substitute --found--
Col. 40, line 29	Delete "butylraldehyde" and substi- tute--butyraldehyde--
Col. 46, line 34	Delete "(CH ₂) ₉ " and substitute --(CH ₂) ₈ --
Col. 51, line 2, after "Example 8"	Insert --1-Desoxynojirimycin-1- carboxylic acid ethyl ester--
Col. 51, line 29, after "Example 9"	Insert -- N-Methyl-1-desoxynojirimy- cin-1-carboxylic acid ethylester--
Col. 51, line 45, after "Example 10"	Insert -- 1-Desoxynojirimycin-1-car- boxylic acid amide --
Col. 52, line 2, after "Example 11"	Insert -- 1-Desoxynojirimycin-1- carboxylic acid benzylamide --

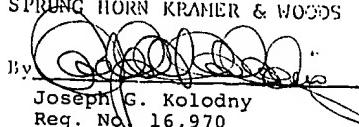
The Patent and Trademark Office evidently erred when these errors were made in the formal patent document since the text is correct in the application file.

Since these mistakes are not obvious from the printed text, it is believed to be in order for the Patent and Trademark Office to issue a Certificate of Correction in accordance with the two copies of the enclosed Form PTO-1050 and to place such a Certificate of Correction in the file so that such will appear on any copies of the patent which are ordered in the future. Moreover, since these mistakes are those of the Patent and Trademark Office, such should be done without charge to the patentee.

It is respectfully requested that when the above-requested Certificate of Correction has been issued and entered in the file, that a certified copy of the Certificate of correction be duly returned to the below-listed attorneys for the patentee.

Respectfully submitted,

SPRING HORN KRAMER & WOODS

By 
Joseph G. Kolodny
Reg. No. 16,970

600 Third Avenue
New York, New York 10016

(212) 661-0520

Col. 52, line 21, after
"Example 12"
Col. 52, line 35, after
"Example 13"
Col. 52, line 53, after
"Example 14"
Col. 53, line 6, after
"Example 15"

Col. 53, line 21, after
"Example 16"
Col. 53, line 35, after
"Example 17"
Col. 53, line 50; after
"Example 18"
Col. 54, line 2, after
"Example 19"
Col. 54, line 17, after
"Example 20"
Col. 54, line 38, after
"Example 21"
Col. 54, line 56, after
"Example 22"
Col. 55, line 10, after
"Example 23"
Col. 55, line 41, after
"Example 24"

Col. 62, line 7

Insert -- N-Methyl-1-desoxynojirimycin-1-carboxylic benzyl amide--
Insert -- 1-Aminomethyl-1-desoxynojirimycin--
Insert -- 1-Acetamidomethyl-1-desoxynojirimycin--
Insert -- N-Methyl-1-acetamidomethyl-1-desoxynojirimycin--

Insert -- 1-Benzoylaminomethyl-1-desoxynojirimycin--
Insert -- N-Methyl-1-benzoylaminomethyl-1-desoxynojirimycin--
Insert -- 1-Tosylaminomethyl-1-desoxynojirimycin--
Insert -- N-Methyl-1-tosylaminomethyl-1-desoxynojirimycin--
Insert -- 1-(N'-Phenylureidomethyl)-1-desoxynojirimycin--
Insert -- N-(1-Desoxynojirimycinyl)-acetic acid-6-lactone--
Insert -- N-(1-Desoxynojirimycinyl)-acetic acid benzylamide--
Insert -- 1-Hydroxymethyl-1-desoxynojirimycin--
Insert -- 6-O-Benzoyl-1-desoxynojirimycin--

Delete "methylo" and substitute
-- methyl- α --

UNITED STATES PATENT AND TRADEMAI CERTIFICATE OF CORREC'

PATENT NO. : 4,639,436

DATED : January 27, 1987

INVENTOR(S) : Bodo Junge, et al.

It is certified that error appears in the above-identified patent and that said corrected as shown below:

Col. 53, line 21, after
"Example 16"

Col. 53, line 35, after
"Example 17"

Col. 53, line 50, after
"Example 18"

Col. 54, line 2, after
"Example 19"

Col. 54, line 17, after
"Example 20"

Col. 54, line 38, after
"Example 21"

Col. 54, line 56, after
"Example 22"

Col. 55, line 10, after
"Example 23"

Col. 55, line 41, after
"Example 24"

Insert -- 1-Benzo
desoxynojirimyci

Insert -- N-Methy
1-desoxynojirimy

Insert -- 1-Tosyl
desoxynojirimyci

Insert -- N-Methy
methyl-1-desoxyn

Insert -- 1-(N'-P
1-desoxynojirimy

Insert -- N-(1-De
acetic acid-6-1a

Insert -- N-(1-De
acetic acid benz

Insert -- 1-Hydro
desoxynojirimyci

Insert -- 6-O-Ben
desoxynojirimyci

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Col. 7, line 30

Delete "P₃" and su

Col. 14, line 38

Delete "Ransey" an

--Raney--

Col. 17, line 34

Delete "ahgent" an

--agent--

Col. 37, line 10

Delete "eedible" a

--edible--

Col. 40, line 16

Delete "round" and

--found--

Col. 40, line 29

Delete "butyralde

tute--butyraldehy

Col. 46, line 34

Delete "(CH₂)₉" an--(CH₂)₈--

Col. 51, line 2, after

Insert -- 1-Desox

"Example 8"

carboxylic acid e

Col. 51, line 29, after

Insert -- N-Methylcin-1-carboxylic

"Example 9"

Insert -- 1-Desoxy

Col. 51, line 45, after

carboxylic acid amid

"Example 10"

Insert -- 1-Desox

Col. 52, line 2, after

carboxylic acid b

"Example 11"

Insert -- N-Methyl

Col. 52, line 21, after

mycin-1-carboxylic

"Example 12"

Insert -- 1-Aminom

Col. 52, line 35, after

desoxynojirimycin

"Example 13"

Insert -- 1-Acetami

Col. 52, line 53, after

desoxynojirimycin

"Example 14"

Insert -- N-Methyl

Col. 53, line 6, after

1-desoxynojirimyc

"Example 15"

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It is certified that error appears in the above-identified patent and that said I
corrected as shown below:

Col. 62, line 7

Delete "methyl α " a
-- methyl- α --

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CERTIFICATE OF CORRECTION

PATENT NO. : 4,639,436

Page 1 of 3

DATED : January 27, 1987

INVENTOR(S) : Bodo Junge, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 7, line 30	Delete "P ₃ " and substitute --R ₃ --
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Col. 17, line 34	Delete "ahgent" and substitute --agent--
Col. 37, line 10	Delete "eedible" and substitute --edible--
Col. 40, line 16	Delete "round" and substitute --found--
Col. 40, line 29	Delete "butylraldehyde" and substi- tute--butyraldehyde--
Col. 46, line 34	Delete "(CH ₂) ₉ " and substitute --(CH ₂) ₈ --
Col. 51, line 2, after "Example 8"	Insert -- <u>1-Desoxynojirimycin-1-</u> <u>carboxylic acid ethyl ester--</u>
Col. 51, line 29, after "Example 9"	Insert -- <u>N-Methyl-1-desoxynojirimy-</u> <u>cin-1-carboxylic acid ethylester--</u>
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Col. 52, line 21, after "Example 12"	Insert -- <u>N-Methyl-1-desoxynojiri-</u> <u>mycin-1-carboxylic benzyl amide --</u>
Col. 52, line 35, after "Example 13"	Insert -- <u>1-Aminomethyl-1-</u> <u>desoxynojirimycin --</u>
Col. 52, line 53, after "Example 14"	Insert -- <u>1-Acetamidomethyl-1-</u> <u>desoxynojirimycin --</u>
Col. 53, line 6, after "Example 15"	Insert -- <u>N-Methyl-1-acetamidomethyl-</u> <u>1-desoxynojirimycin --</u>

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PATENT NO. : 4,639,436

Page 2 of 3

DATED : January 27, 1987

INVENTOR(S) : Bodo Junge, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 53, line 21, after
"Example 16"

Insert -- l-Benzoylaminomethyl-1-
desoxynojirimycin --

Col. 53, line 35, after
"Example 17"

Insert -- N-Methyl-l-benzoylamino-
1-desoxynojirimycin --

Col. 53, line 50, after
"Example 18"

Insert -- l-Tosylaminomethyl-1-
desoxynojirimycin --

Col. 54, line 2, after
"Example 19"

Insert -- N-Methyl-l-tosylamino-
methyl-1-desoxynojirimycin --

Col. 54, line 17, after
"Example 20"

Insert -- l-(N'-Phenylureidomethyl)-
1-desoxynojirimycin --

Col. 54, line 38, after
"Example 21"

Insert -- N-(1-Desoxynojirimycinyl)-
acetic acid-6-lactone --

Col. 54, line 56, after
"Example 22"

Insert -- N-(1-Desoxynojirimycinyl)-
acetic acid benzylamide --

Col. 55, line 10, after
"Example 23"

Insert -- l-Hydroxymethyl-1-
desoxynojirimycin --

Col. 55, line 41, after
"Example 24"

Insert -- 6-O-Benzoyl-l-
desoxynojirimycin --

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Page 3 of 3

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 62, line 7

Delete "methy α " and substitute
-- methyl- α --

Signed and Sealed this

Nineteenth Day of May, 1987

Attest:

Attesting Officer

DONALD J. QUIGG
Commissioner of Patents and Trademarks